

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> <small>(Use several sheets if necessary)</small>			Docket Number: 11669.123USCI	Application Number: 10/663,158
			Applicant: DESAUVAGE ET AL.	
			Filing Date: 09/15/2003	Group Art Unit: UNKNOWN

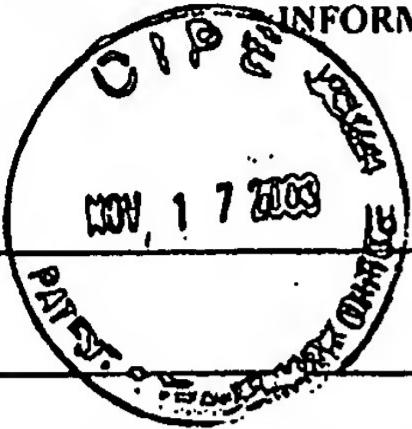
*O I P E  
NOV 17 2003  
PATENT & TRADEMARK OFFICE*

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>CR</i>	4,275,149	06/23/1981	Litman et al.	—	—	
	4,816,567	03/28/1989	Cabilly et al.	—	—	
	5,223,409	06/29/1993	Ladner et al.	—	—	
	5,403,484	04/04/1995	Ladner et al.	—	—	
	5,545,806	08/13/1996	Lonberg et al.	1	—	
	5,545,807	08/13/1996	Surani et al.	—	—	
	5,569,825	10/29/1996	Lonberg et al.	—	—	
	5,571,698	11/05/1996	Ladner et al.	—	—	
	5,625,126	04/29/1997	Lonberg et al.	—	—	
	5,633,425	05/27/1997	Lonberg et al.	—	—	
	5,658,570	08/19/1997	Newman et al.	1	—	
	5,681,722	10/28/1997	Newman et al.	—	—	
	5,693,780	12/02/1997	Newman et al.	—	—	
	5,750,105	05/12/1998	Newman et al.	—	—	
	5,750,373	05/12/1998	Garrard et al.	—	—	
	5,756,096	05/26/1998	Newman et al.	—	—	
	5,792,850	08/1998	Baumgartner et al.	—	—	
	5,925,735	07/1999	Baumgartner et al.	—	—	
<i>CR</i>	6,080,406	06/2000	Baumgartner et al.	—	—	

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES      NO
<i>R</i>	WO 97/44455	11/27/1997	PCT	—	—	

EXAMINER	<i>John Lewis</i>	DATE CONSIDERED	<i>10/26/05</i>
----------	-------------------	-----------------	-----------------

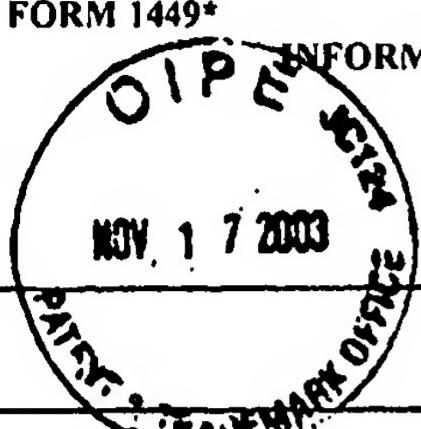
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)		Docket Number: 11669.123USCI	Application Number: 10/663,158
		Applicant: DESAUVAGE ET AL.	
		Filing Date: 09/15/2003	Group Art Unit: UNKNOWN

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
		Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," <i>Nucleic Acids Research</i> , Vol. 25, pp. 3389-3402 (1997)	
		Bazan, J., "Structural Design and Molecular Evolution of a Cytokine Receptor Superfamily," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 87, pp. 6934-6938 (1990)	
		Boerner et al., "Production of Antigen-Specific Human Monoclonal Antibodies From In Vitro-Primed Human Splenocytes," <i>The Journal of Immunology</i> , Vol. 147, No. 1, pp. 86-95 (1991)	
		Bolton, C., "Recent advances in the pharmacological control of experimental allergic encephalomyelitis (EAE) and the implications of multiple sclerosis treatment," <i>Multiple Sclerosis</i> , Vol. 1, p. 143 (1995)	
		Carter et al., "Improved oligonucleotide site-directed mutagenesis using M13 vectors," <i>Nucl. Acids Res.</i> , Vol. 13, No. 12, pp. 4431-4443 (1985)	
		Chambers and Allison, "Co-stimulation in T cell responses," <i>Current Opinion in Immunology</i> , Vol. 9, No. 3, pp. 396-404 (June 1997)	
		Clackson et al., "Making antibody fragments using phage display libraries," <i>Nature</i> , Vol. 352, pp. 624-628 (1991)	
		Cole et al., "The EBV-Hybridoma Technique and Its Application to Human Lung Cancer," <i>Monoclonal Antibodies and Cancer Therapy</i> , New York, Alan R. Liss, Inc., pp. 77-96 (1985)	
		Constant, S. L. et al., "Induction of Th1 and Th2 CD4+ T Cell Responses: The alternative approaches," <i>Annual Review of Immunology</i> , Vol. 15, pp. 297-322 (1997)	
		Cosman, D., "The Hematopoietin Receptor Superfamily," <i>Cytokine</i> , Vol. 5, No. 2, pp. 95-106 (March 1993)	
		Finn and Lotze, "Introduction: Third Keystone Symposium on Cellular Immunology and the Immunotherapy of Cancer," <i>Journal of Immunotherapy</i> , Vol. 21, No. 2, pp. 114-118 (March 1998)	
		Fishwild et al., "High-avidity human IgG $\kappa$ monoclonal antibodies from a novel strain of minilocus transgenic mice," <i>Nature Biotechnology</i> , Vol. 14, No. 7, pp. 845-851 (July 1996)	
		Heid et al., "Real time quantitative PCR," <i>Genome Research</i> , Vol. 6, No. 10, pp. 986-994 (1996)	
		Hoogenboom and Winter, "By-passing immunization: human antibodies from synthetic repertoires of germline V $H$ gene segments rearranged in vitro," <i>J. Mol. Biol.</i> , Vol. 227, pp. 381-388 (1992)	
		Hsieh, C.S. et al., "Development of T $H$ 1 CD4 $^+$ T Cells Through IL-12 Produced by Listeria-Induced Macrophages," <i>Science</i> , Vol. 260, pp. 547-549 (1993)	
		Huhtaniemi et al., "Transgenic and knockout mouse models for the study of luteinizing hormone and luteinizing hormone receptor function," <i>Molecular and Cellular Endocrinology</i> , Vol. 187, Nos. 1-2, pp. 49-56 (2002)	
		Jenkins, M., "The ups and downs of T cell costimulation," <i>Immunity</i> , Vol. 1, No. 6, pp. 443-446 (September 1994)	
		Jones, et al., "Replacing the Complementarity-determining Regions in a Human Antibody with Those From a Mouse," <i>Nature</i> , Vol. 321, pp. 522-525 (May 29, 1986)	
		June et al., "The B7 and CD28 receptor families," <i>Immunology Today</i> , Vol. 15, No. 7, pp. 321-331 (July 1994)	

EXAMINER <i>Alvaredo</i>	DATE CONSIDERED <i>10/26/05</i>
--------------------------	---------------------------------

EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)		Docket Number: 11669.123USCI	Application Number: 10/663,158
		Applicant: DESAUVAGE ET AL.	
		Filing Date: 09/15/2003	Group Art Unit: UNKNOWN

	Kaplan, M. H. et al., "Impaired IL-12 responses and enhanced development of Th2 cells in Stat4-deficient mice," <i>Nature</i> , Vol. 382, pp. 174-177 (1996)
	Kohler and Milstein, "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity," <i>Nature</i> , Vol. 256, pp. 495-497 (August 7, 1975)
	Kuhn, R. et al., "Generation and analysis of Interleukin-4 deficient mice," <i>Science</i> , Vol. 254, pp. 707-710 (1991)
	Kwon et al., "Manipulation of T cell costimulatory and inhibitory signals for immunotherapy of prostate cancer," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 94, No. 15, pp. 8099-8103 (July 22, 1997)
	Le Gros, G. et al., "Generation of Interleukin 4 (IL-4)-producing Cells in Vivo and In Vitro: IL-2 and IL-4 Are Required For In Vivo Generation of IL-4-producing Cells," <i>Journal of Experimental Medicine</i> , Vol. 172, pp. 921-929 (1990)
	Linsey and Ledbetter, "The Role of the CD28 receptor during T cell responses to antigen," <i>Annu. Rev. Immunol.</i> , Vol. 11, pp. 191-212 (1993)
	Lonberg and Huszar, "Human antibodies from transgenic mice," <i>International Reviews of Immunology</i> , Vol. 13, No. 1, pp. 65-93 (1995)
	Lonberg et al., "Antigen-specific human antibodies from mice comprising four distinct genetic modifications," <i>Nature</i> , Vol. 368, No. 6474, pp. 856-859 (April 28, 1994)
	Lynch et al., "F1t3 ligand induces tumor regression and antitumor immune responses in vivo," <i>Nature Medicine</i> , Vol. 3, No. 6, pp. 625-631 (June 1997)
	Magram, J. et al., "IL-12-deficient mice are defective in IFN $\gamma$ production and type 1 cytokine responses," <i>Immunity</i> , Vol. 4, pp. 471-481 (1996)
	Mak et al., <i>Nat. Rev. Immunol.</i> , Vol. 1, pp. 11-19 (2001)
	Marks et al., "By-passing immunization: building high affinity human antibodies by chain shuffling," <i>Bio/Technology</i> , Vol. 10, pp. 779-783 (1992)
	Marks, et al., "By-passing immunization: human antibodies from V-gene libraries displayed on phage," <i>J. Mol. Biol.</i> , Vol. 222, pp. 581-597 (1991)
	Melero et al., "Monoclonal antibodies against the 4-1BB T-cell activation molecule eradicate established tumors," <i>Nature Medicine</i> , Vol. 3, No. 6, pp. 682-685 (June 1997)
	Morrison, S., "Immunology: Success in specification," <i>Nature</i> , Vol. 386, No. 6474, pp. 812-813 (April 28, 1994)
	NCBI Listing of nucleotide and protein sequences for TCCR, dated November 25, 2002
	Neuberger, M., "Generating high-avidity human Mabs in mice," <i>Nature Biotechnology</i> , Vol. 14, No. 7, p. 826 (July 1996)
	Noben-Trauth, N. et al., "An Interleukin 4 (IL-4)-independent pathway for CD4+ T cell IL-4 production is revealed in IL-4 receptor-deficient mice," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 94, pp. 10838-10843 (1997)
	O-Garra, A., "Cytokines induce the development of functionally heterogeneous T helper cell subsets," <i>Immunity</i> , Vol. 8, pp. 275-283 (1998)
	O'Shea et al., <i>Nat. Rev. Immunol.</i> , Vol. 2, pp. 37-45 (2002)

EXAMINER <i>J. Mandato</i>	DATE CONSIDERED <i>10/26/05</i>
----------------------------	---------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)		Docket Number: 11669.123USC1	Application Number: 10/663,158
		Applicant: DESAUVAGE ET AL.	
		Filing Date: 09/15/2003	Group Art Unit: UNKNOWN

	Presta, L., "Antibody Engineering," <i>Curr. Op. Struct. Biol.</i> , Vol. 2, pp. 593-596 (1992)
	Proudfoot et al., <i>Immunol. Rev.</i> , Vol. 177, pp. 246-256 (2000)
	Riechmann et al., "Reshaping Human Antibodies for Therapy," <i>Nature</i> , Vol. 332, pp. 323-327 (March 24, 1988)
	Romagnani, S. et al., "Human Th1 and Th2 cells: functional properties, mechanisms of development and role in diseases," <i>Allergologie</i> , Muenchen-DeisenhDE:Dustri Verlag, Vol. 18, No. 4, pp. 175-179 (1996)
	Schwartz, R., "Costimulation of T lymphocytes: the role of CD28, CTLA-4, and B7/BB1 in interleukin-2 production and immunotherapy," <i>Cell</i> , Vol. 71, No. 7, pp. 1065-1068 (December 24, 1992)
	Seder, R. A. et al., "Interleukin 12 acts directly on CD4+ T cells to enhance priming for interferon $\gamma$ production and diminishes interleukin 4 inhibition of such priming," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90, pp. 10188-10192 (1993)
	Shimoda, K. et al., "Lack of IL-4 induced Th2 response and IgE class switching in mice with disrupted Stat6 gene," <i>Nature</i> , Vol. 380, pp. 630-633 (1996)
	Sprecher et al., "Cloning and Characterization of a Novel Class I Cytokine Receptor," <i>Biochem. &amp; Biophys. Res. Comm.</i> , Vol. 246, pp. 82-90 (1998)
	Stewart et al., "Blastocyst implantation depends on maternal expression of leukaemia inhibitory factor," <i>Nature</i> , Vol. 359, No. 6390, pp. 76-79 (September 3, 1992)
	Swain et al., "Helper T-cell subsets: phenotype, function and the role of lymphokines in regulating their development," <i>Immunol. Rev.</i> , Vol. 123, pp. 115-144 (1991)
	Thimmappaya et al., "Adenovirus VAI RNA is required for efficient translation of viral mRNAs at late times after infection," <i>Cell</i> , Vol. 31 (3 Pt 2), pp. 543-551 (December 1982)
	Umetsu and DeKruyff, "Th1 and Th2 CD4+ Cells in the Pathogenesis of Allergic Diseases," <i>Soc. Exp. Biol. Med.</i> , Vol. 215, pp. 11-20 (1997)
	Urdal, D. L., "Cytokine Receptors," <i>Ann. Reports Med. Chem.</i> , Chapter 23, Vol. 26, pp. 221-228 (1991)
	Wells et al., "Cassette Mutagenesis: an Efficient Method for Generation of Multiple Mutations at Defined Sites," <i>Gene</i> , Vol. 34, No. 2-3, pp. 315-323 (1985)
	Wells et al., "Importance of hydrogen-bond formation in stabilizing the transition state of subtilisin," <i>Philos. Trans. R. Soc. London Ser A</i> , Vol. 317, pp. 415-423 (1986)
	Wu, C. et al., "Characterization of IL-12 receptor $\beta$ 1 chain (IL-12R $\beta$ 1)-deficient mice," <i>J. Immunol.</i> , Vol. 159, pp. 1658-1665 (1997)
	Zoller and Smith, "Oligonucleotide -directed Mutagenesis Using M13-derived Vectors: An Efficient and General Procedure for the Production of Point Mutations in Any Fragment of DNA," <i>Nucl. Acids Res.</i> , Vol. 10, No. 20, pp. 6487-6500 (1982)

23552

PATENT TRADEMARK OFFICE

EXAMINER <i>phadis</i>	DATE CONSIDERED <i>10/26/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	